

1/7

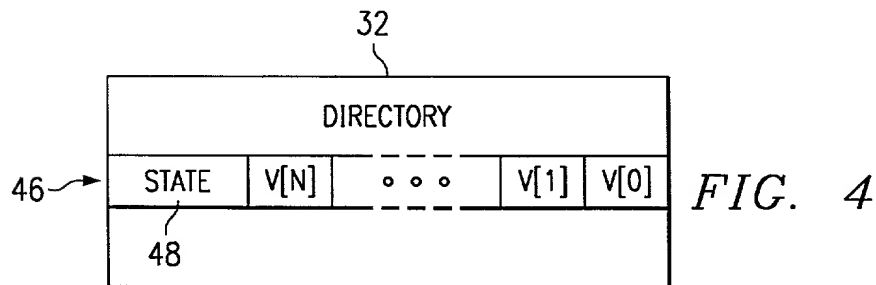
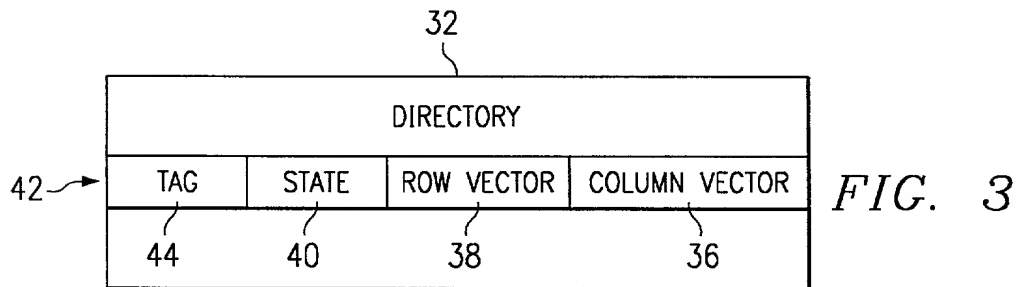
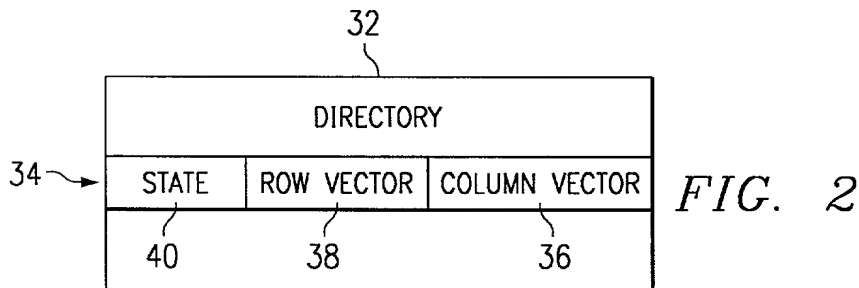
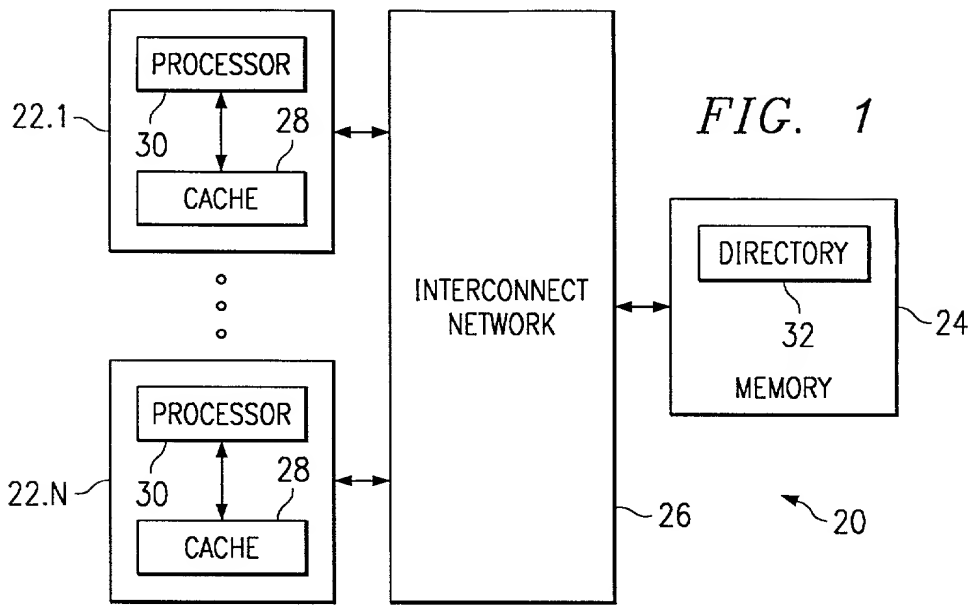


FIG. 5

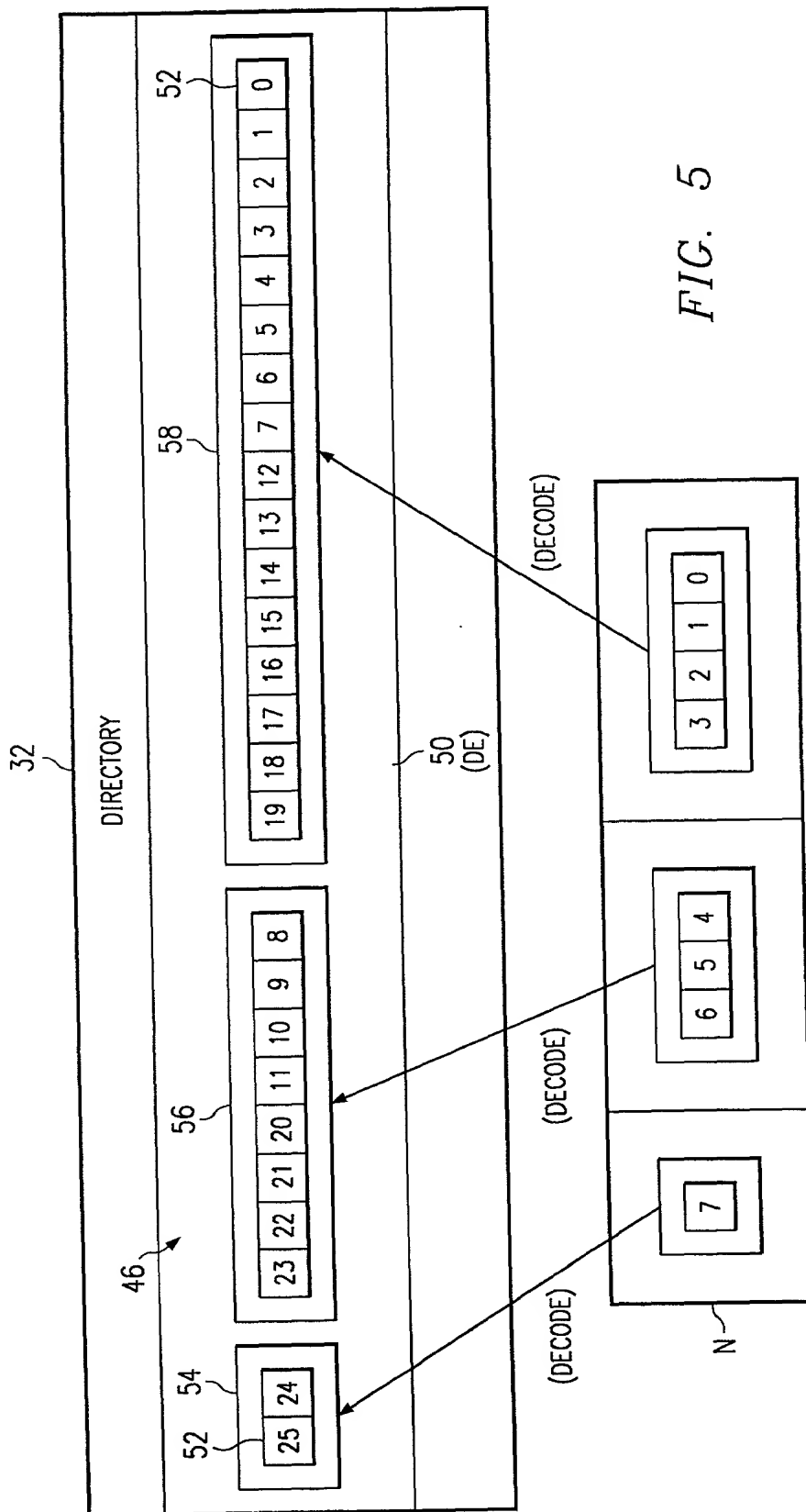


FIG. 5

60

The diagram shows a 16x16 hexadecimal grid (60) with the following structure:

- Columns:** Labeled 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F. Above the grid, there are 15 labels '70' pointing to columns 1 through 15.
- Rows:** Labeled 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F. To the left of the grid, there are 15 labels '68' pointing to rows 0 through 14.
- Grid Content:**
  - Row 0: TOP, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B, 0C, 0D, 0E, 0F
  - Row 1: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 1A, 1B, 1C, 1D, 1E, 1F
  - Row 2: 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 2A, 2B, 2C, 2D, 2E, 2F
  - Row 3: 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 3A, 3B, 3C, 3D, 3E, 3F
  - Row 4: 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 4A, 4B, 4C, 4D, 4E, 4F
  - Row 5: 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 5A, 5B, 5C, 5D, 5E, 5F
  - Row 6: 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 6A, 6B, 6C, 6D, 6E, 6F
  - Row 7: 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 7A, 7B, 7C, 7D, 7E, 7F
  - Row 8: BOT, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 8A, 8B, 8C, 8D, 8E, 8F
  - Row 9: 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 9A, 9B, 9C, 9D, 9E, 9F
  - Row A: A0, A1, A2, A3, A4, A5, A6, A7, A8, A9, AA, AB, AC, AD, AE, AF
  - Row B: B0, B1, B2, B3, B4, B5, B6, B7, B8, B9, BA, BB, BC, BD, BE, BF
  - Row C: C0, C1, C2, C3, C4, C5, C6, C7, C8, C9, CA, CB, CC, CD, CE, CF
  - Row D: D0, D1, D2, D3, D4, D5, D6, D7, D8, D9, DA, DB, DC, DD, DE, DF
  - Row E: E0, E1, E2, E3, E4, E5, E6, E7, E8, E9, EA, EB, EC, ED, EE, EF
  - Row F: F0, F1, F2, F3, F4, F5, F6, F7, F8, F9, FA, FB, FC, FD, FE, FF
- Labels and Groupings:**
  - 62:** Points to the first column (0) and the last column (F).
  - 64:** A bracket grouping rows 0 through 7.
  - 66:** A bracket grouping rows 8 through 15.
  - 70:** Points to columns 1 through 15.
  - 76:** Points to the first column (0) and the last column (F).
  - 77:** Points to the last column (F).

FIG. 6

METHOD AND SYSTEM FOR EFFICIENT USE  
OF A MULTI-DIMENSIONAL SHARING  
VECTOR IN A COMPUTER SYSTEM

U.S. Serial No. 09/910,630

Inventor: Huffman, William A.

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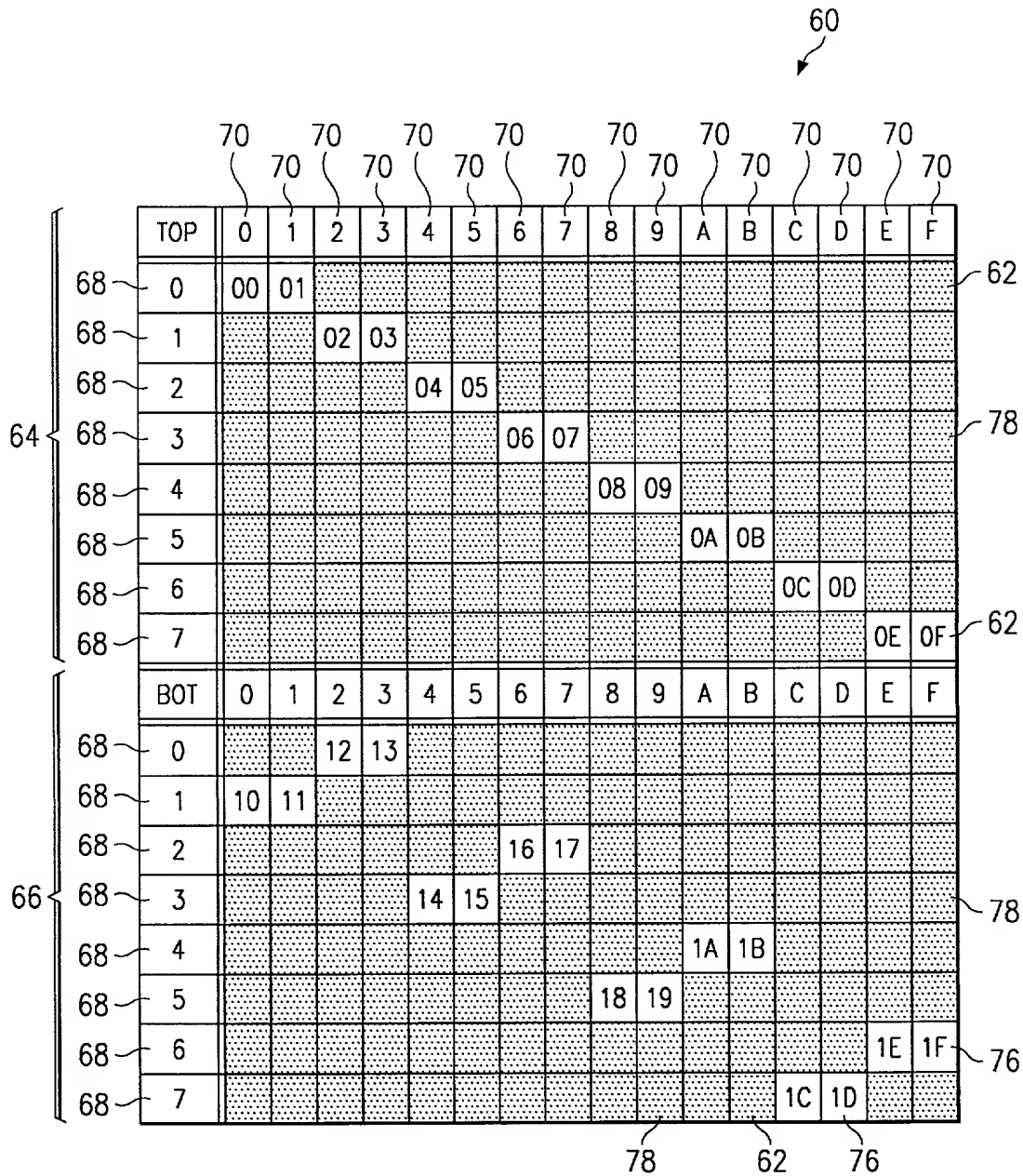


FIG. 7

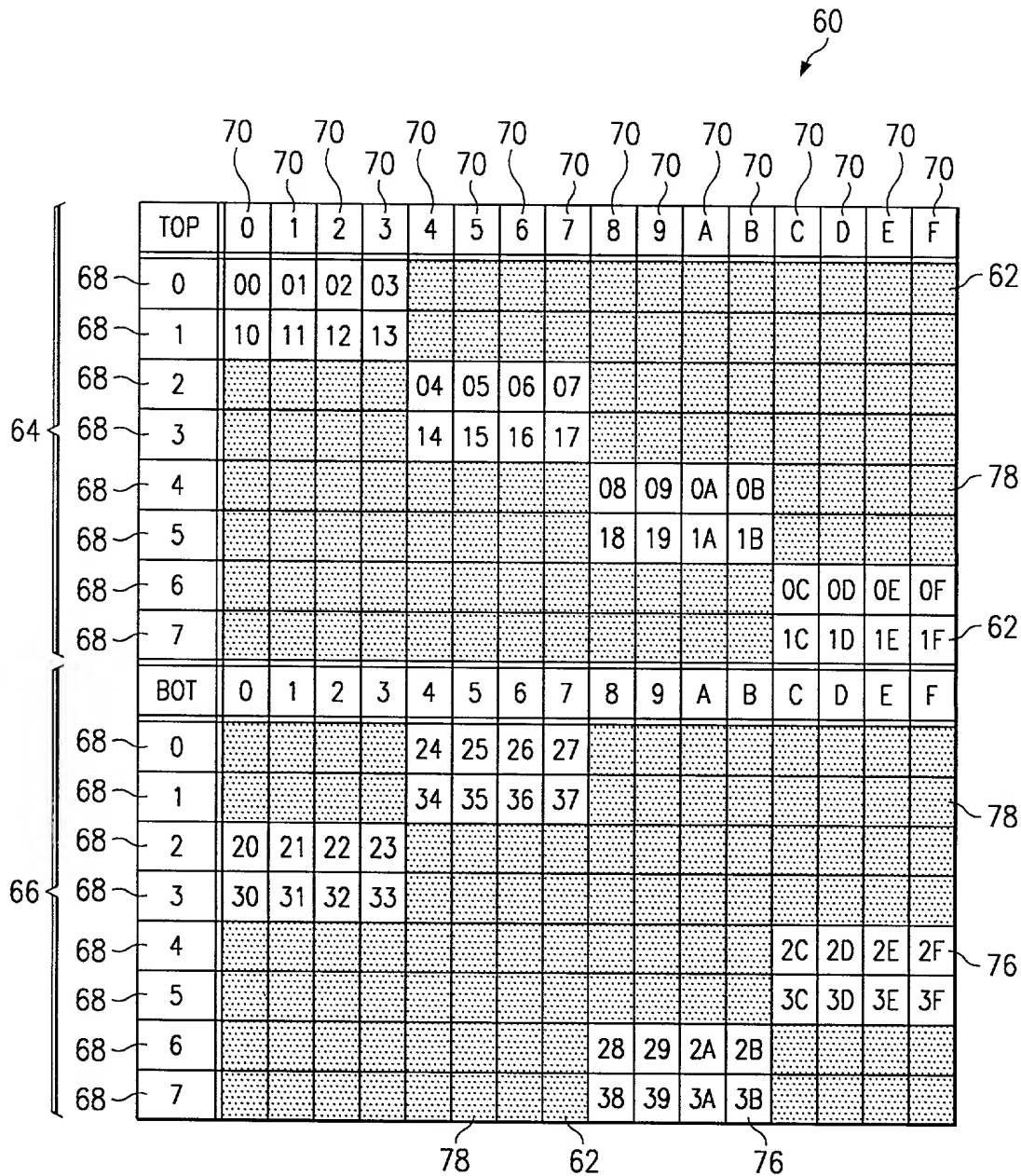


FIG. 8

60

		70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
	TOP	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
68	0	00	01	02	03	04	05	06	07								
68	1	10	11	12	13	14	15	16	17								
68	2	20	21	22	23	24	25	26	27								
64	68	3	30	31	32	33	34	35	36	37							
68	4									08	09	0A	0B	0C	0D	0E	0F
68	5									18	19	1A	1B	1C	1D	1E	1F
68	6									28	29	2A	2B	2C	2D	2E	2F
68	7									38	39	3A	3B	3C	3D	3E	3F
	BOT	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
68	0									48	49	4A	4B	4C	4D	4E	4F
68	1									58	59	5A	5B	5C	5D	5E	5F
68	2									68	69	6A	6B	6C	6D	6E	6F
66	68	3								78	79	7A	7B	7C	7D	7E	7F
68	4	40	41	42	43	44	45	46	47								
68	5	50	51	52	53	54	55	56	57								
68	6	60	61	62	63	64	65	66	67								
68	7	70	71	72	73	74	75	76	77								

76      78      62

FIG. 9

FIG. 10

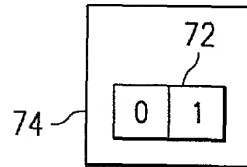


FIG. 11

NODE	HEX NOTATION	CORRESPONDING N BIT SETTINGS		
			SECOND LEAST SIGNIFICANT BIT	LEAST SIGNIFICANT BIT
		7	6 5 4	3 2 1 0
0	0x00	0	0 0 0	0 0 0 0
19	0x19	0	0 0 1	1 0 0 1

FIG. 12

NODE	SHARING MODE 11					
	PLANE N7	ROW N6,N5,N4	COLUMN N3:N0	PLANE	ROW	COLUMN
0	0	0 0 0	0 0 0 0	0	0	0
19	0	0 0 1	1 0 0 1	0	1	9

FIG. 13

NODE	SHARING MODE 10					
	PLANE N6	ROW N6,N3,N5,N4	COLUMN N3:N0	PLANE	ROW	COLUMN
0	0	0 0 0	0 0 0 0	0	0	0
19	0	1 0 1	1 0 0 1	0	5	9